

## Chapter XXVII

### Chemical Defense Equipment (CDE)

#### A. CDE KITS.

DRMOs must follow the guidelines in DoD 4160.21-M, Chapter 10, for turn-in, DEMIL and disposal. Overseas DRMOs will follow DRMSI Policy Letter 99-3, Demilitarization (DEMIL) Procedures for Chemical Defense Equipment, 4 August 1999.

1. DRMOs are required to accept physical custody (where properly permitted) and accountability of CDE kits or their components.

a. The chemical components in the CDE kits that are a RCRA, state, or host nation regulated HW when discarded will be turned in to the DRMO for disposal on service contract. Only those kits that are no longer in usable condition should be turned in for disposal.

b. The generator will coordinate with the item manager prior to turn-in of CDE kits to determine specific kit separation requirements. Some CDE kits may be turned-in and managed as a whole kit for disposal, and some may require removal and/or separation of individual components for DEMIL and/or disposal. If separation is required, each commodity will be turned in on a separate DTID marked as "HW".

c. The property will be coded DEMIL "F". The method of DEMIL is the actual disposal by the HW disposal contractor at a RCRA permitted disposal facility. DEMIL certification will be accomplished on DRMS Form 1668, DD Form 1155, or DD Form 1348-1/1A. If the DTID is used for certification, a copy must be forwarded to DRMS-TPH or DRMSI-TPHB to retain with the delivery order files for DEMIL audit trail. The DRMO contracting officer will be the certifier and the next level of authority, up through the

DRMO Chief, will be the verifier. The DEMIL authority to be placed on the certification will be:

"I certify that this property has been released for transportation to a permitted landfill or incinerator for ultimate disposal, in accordance with standard EPA requirements, which will constitute demilitarization. The HW manifest and certificate of disposal will serve as documentation that demilitarization has been accomplished."

**NOTE:** Overseas – Letters of appointment should be prepared for Contracting Officer Representatives (CORs) in accordance with DRMSI 4160.14, Volume VII. With the exception of Hawaii, Guam, and Alaska overseas DRMOs will use the following DEMIL Certification Statement for CDE articles turned in for disposal:

"I certify that this property has been released for transportation to a permitted hazardous waste landfill or incinerator for ultimate disposal, according to applicable Final Governing Standards or Overseas Environmental Baseline Guidance Document requirements, which will constitute Demilitarization, based on approved OASD Memorandum, dated 2 March 90, Turn-In and Demilitarization (DEMIL) Procedures for Chemical Defense Equipment Items Containing Regulated Hazardous Waste".

2. Assistance is available regarding DEMIL and disposal requirements for CDE from the DEMIL team at the U.S. Army Edgewood Research Development and Engineering Center (ERDEC) located at Aberdeen Proving Ground, Maryland. They can be reached at (DSN)584-6588 or commercial (410)612-6588. Demil disposal procedures are also available at [www.atps.ria.army.mil](http://www.atps.ria.army.mil), see Enclosure 1 for guidance on obtaining logins and passwords to this database.

3. Information concerning CDE may be obtained from the item manager, USA Armanent

and Chemical Acquisition and Logistics Activity, ATTN: AMSTA-AC-CTC, Rock Island Arsenal, Rock Island, IL 61229-7630, (DSN)793-2103/4475 or commercial (309)782-2103/4475.

## B. PROTECTIVE MASKS AND FILTERS.

DRMOs must follow the guidelines in DoD 4160.21-M, Chapter 10, for turn-in, DEMIL and disposal.

1. Some canisters/filters contain ASC whetherite charcoal. ASC whetherite charcoal is a specific carbon that has been impregnated with a solution of copper, chromium, and silver. This carbon when disposed, must be managed as HW due to the characteristic of chromium, (EPA Waste Code: D007).

2. Usable Protective Masks in condition codes A and B. CDE containing ASC whetherite charcoal in condition codes A and B will receive the following processing:

- a. Accountability (only) of the property will be transferred to the DRMO. DRMOs will offer the property for reutilization to DoD activities, law enforcement activities under 10 USC 2576a, for sale to local law enforcement and fire fighting activities under Public Law 90-500, and for foreign military sales.

- b. Canister/filters will not be removed from the protective masks by the holding activity until it is determined that there are no requirements for items in condition codes A and B.

3. If the masks are not issued as indicated above, the generating activity having custody of the property will remove and properly package the ASC filters as hazardous waste for turn-in to the DRMO as follows:

- a. Prepare a separate DTID for the waste filters following the instructions given below in paragraph B4.

- b. Turn-in physically to the DRMO for demilitarization of the mask after filters/cannisters

have been removed (i.e., slashing the face piece of the mask with a cut of no less than four inches directly below the eyepieces)

### 4. Turn-In Instructions.

- a. The generating activity is responsible for the removal of filters, cannisters, and filter systems prior to turn-in. End items (gas masks, shelters, vehicles) will not be accepted with filters, cannisters or filter systems attached.

- b. Large filters (e.g., shelter, hospital, etc.) which cannot be placed in drums will have all inlet and outlet ports sealed. If damaged/broken, the entire filter will be sealed in plastic wrap, to a thickness of 6.0 mil. minimum. DRMOs will take accountability but not physical custody of this property.

- c. The DTID must contain a valid NSN. LSNs or non-standard stock numbers shall not be used.

- d. The property will be coded DEMIL "F". The method of DEMIL is the actual disposal by the HW disposal contractor at a RCRA permitted or overseas DoD approved disposal facility. DEMIL certification will be accomplished on DRMS Form 1668, DD Form 1155, or DD Form 1348-1/1A. If the DD Form 1348-1/1A is used for certification, a copy must be forwarded to DRMS-TPH or DRMSI-TPHB to retain with the delivery order files for DEMIL audit trail. The DRMO contracting officer will be the certifier and the next level of authority, up through the DRMO Chief, will be the verifier. The DEMIL authority to be placed on the certification will be:

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